CLAIM AMENDMENTS

The following listing of claims replaces all prior versions and listings of claims in this application.

1.   (Canceled)

2.   (Currently Amended) A gateway comprising

a first port for coupling to a first network;

a second port for coupling to a second network;

wherein the gateway is configured to: a first module coupled to said first and second ports that processes process packets received by and to be output from said first and second ports to identify at least one service provided by the first network that is not provided by the second network;

a second module coupled to said first and second ports and said first module that processes packets received by and to be output from said first and second ports to implement said at least one service on behalf of the second network; [[and]]

a third module coupled to said first and second ports and said second module that processes packets received by and to be output from said first and second ports to determine when the at least one service is implemented in the second network; and

wherein said second module ceases cease implementing said at least one service in favor of allowing the second network to provide the at least one service after said third module determines determining that the at least one service is implemented in the second network.

3.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises a Fibre Channel network.

4.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises an Internet Protocol network.

5.   (Previously Presented) The gateway of claim 2, wherein at least one of the first and second networks comprises a storage area network (SAN).

6.   (Canceled)

2

7.   (Canceled)

8.   (Canceled)

9.   (Currently Amended) A gateway comprising

a first port for coupling to a first network;

a second port for coupling to a second network;

wherein the gateway is configured to: ~~a first module coupled to said first and second ports that processes~~ process packets received by and to be output from said first and second ports to identify at least one service provided by the first network that is not provided by the second network; and

~~a second module coupled to said first and second ports and said first module that processes~~ process packets received by and to be output from said first and second ports to implement said at least one service on behalf of the second network;

wherein the at least one service comprises a security service implemented on behalf of the second network.

10.   (Canceled)

11.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network;

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service;

determining when the at least one service is implemented in the second network; and

ceasing the implementation of the at least one service in the gateway in favor of allowing the second network to provide the at least one service.

12.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises a Fibre Channel network.

3

13.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises an Internet Protocol network.

14.   (Previously Presented) The method of claim 11, wherein at least one of the first and second networks comprises a storage area network (SAN).

15.   (Canceled)

16.   (Canceled)

17.   (Canceled)

18.   (Previously Presented) A method for configuring a heterogeneous network across a gateway comprising

coupling a first port to a first network;

coupling a second port to a second network;

identifying at least one service provided by the first network that is not provided by the second network; and

implementing the at least one service in the gateway on behalf of the second network while the second network is unable to implement that service; wherein

the at least one service provided by the first network is security service; and

the act of implementing the at least one service in the gateway comprises implementing a security service on behalf of the second network.

19.   (Canceled)

20.   (Canceled)

21.   (Canceled)

22.   (Canceled)

23.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises a Fibre Channel network.

24.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises an Internet Protocol network.

25.   (Previously Presented) The gateway of claim 9, wherein at least one of the first and second networks comprises a storage area network (SAN).

26.   (Canceled)

27.   (Canceled)

28.   (Canceled)

29.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises a Fibre Channel network.

30.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises an Internet Protocol network.

31.   (Previously Presented) The method of claim 18, wherein at least one of the first and second networks comprises a storage area network (SAN).

32.   (Previously Presented) The gateway of claim 2, wherein said at least one service comprises a discovery service.

33.   (Previously Presented) The method of claim 11, wherein said at least one service comprises a discovery service.

5

34.   (Currently Amended) A gateway comprising:

a first port;

a second port;

a device coupled to the first and the second ports and configured to: a first module that
~~processes~~ process packets received by and to be output from first and second networks to
identify at least one service provided by the first network that is not provided by the second
network;

~~a second module coupled to said first module that processes packets received by and to
be output from the first and second networks to~~ implement said at least one service on behalf of
the second network; [[and]]

~~a third module coupled to said second module that processes packets received by and to
be output from the first and second networks~~ to determine when the at least one service is
implemented in the second network, and

~~wherein said second module ceases~~ cease implementing said at least one service in favor
of allowing the second network to provide said at least one service after determining ~~said third
module determines~~ that the at least one service is implemented in the second network.

35.   (Currently Amended) A method comprising:

identifying by a gateway device at least one service provided by a first network that is not
provided by a second network;

implementing said at least one service in the gateway device on behalf of the second
network while the second network is unable to implement said service;

determining by the gateway device when said at least one service is implemented in the
second network; and

ceasing the implementation of said at least one service in the gateway in favor of
allowing the second network to provide said at least one service.

6